

Converting Colors

$Yxy(37.7844, 0.3912, 0.3417)$

Have a look what the booklet for
Yxy(37.7844, 0.3912, 0.3417)
contains.

Yxy(37.6551, 0.3914, 0.3417)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(37.6551, 0.3914, 0.3417)

Conversions

Conversions Part 1

Format	Color
Hex	D6958B
RGB	214, 149, 139
RGB Percent	84%, 58%, 55%
CMY	0.1609, 0.4156, 0.4550
CMYK	0.00, 0.30, 0.35, 0.16
HSL	8°, 48%, 69%
HSV	8°, 35%, 84%
XYZ	43.1320, 37.6551, 29.4122
YIQ	167.2950, 41.9500, 10.6700

Conversions

Conversions Part 2

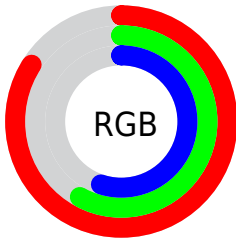
Format	Color
R _Y B	214, 151, 139
Decimal	14062987
CIE Lab	67.77, 23.17, 15.14
CIE LCh	68, 27.677, 33.157
Yxy	37.6551, 0.3914, 0.3417
Android (android.graphics.Color)	4292253067 (0xFFD6958B)
YUV	167.2950, -13.9494, 40.9603
Hunter-Lab	61.3638, 18.0794, 14.5364

Details

The Yxy color **37.6551, 0.3914, 0.3417** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **53.4936, 0.2618, 0.3157**, and the grayscale version is **38.8490, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.7776, 0.3623, 0.3405**, and **16.6247, 0.4156, 0.3442** is the 20% darker color. If you saturate the color by 10%, you get **31.6857, 0.4252, 0.3453**, and if you desaturate by 10%, it is **44.6837, 0.3632, 0.3379**.

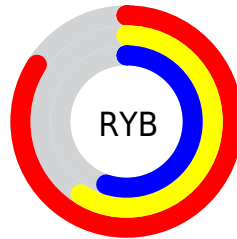
Distribution



Red (84%)

Green (58%)

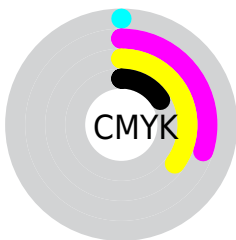
Blue (55%)



Red (84%)

Yellow (59%)

Blue (55%)

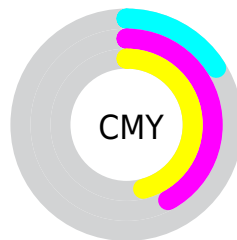


Cyan (0%)

Magenta (30%)

Yellow (35%)

Black (16%)



Cyan (16%)


Magenta (42%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.6551, 0.3914, 0.3417 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 37.6551, 0.3914, 0.3417 by changing the saturation by 10% instead.


 37.6551, 0.3914,
0.3417


 37.6551, 0.3914,
0.3417


336.1381, 0.3502,
0.3363

 25.7151, 0.4022,
0.3427


 71.5792, 0.3760,
0.3400

 16.6106, 0.4164,
0.3437


 94.3321, 0.3704,
0.3393

 9.9573, 0.4358,
0.3445


 121.4581, 0.3657,
0.3386

 5.3706, 0.4637,
0.3446

153.3415, 0.3616,
0.3381

 2.4663, 0.5067,
0.3423

190.3669, 0.3582,
0.3376

 0.8597, 0.6367,
0.3633


232.9185, 0.3552,


 0.0000, 1.0000,


0.3371

0.0000

281.3808, 0.3526,
0.3367


 0.0000, 0.0000,
0.0000

 37.6551, 0.3914,
0.3417


 37.6551, 0.3914,
0.3417


 31.6857, 0.4252,
0.3453


 44.6837, 0.3632,
0.3379


 26.7187, 0.4643,
0.3482

 52.8136, 0.3399,
0.3342

 22.7005, 0.5075,
0.3498

 62.0915, 0.3209,
0.3307

 19.5703, 0.5513,
0.3493

 72.5597, 0.3054,
0.3274

 17.2597, 0.5904,
0.3464

 84.2582, 0.2927,
0.3245

■ 15.6906, 0.6190,
0.3412

■ 93.0321, 0.2883,
0.3289

■ 15.1539, 0.6292,
0.3386

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



37.6551, 0.3659, 0.3086



37.6551, 0.3914, 0.3417



37.6551, 0.3938, 0.3741

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



37.6551, 0.3914, 0.3417



37.6551, 0.2958, 0.3849



37.6551, 0.2531, 0.2629

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



37.6551, 0.3914, 0.3417



53.4936, 0.2618, 0.3157

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



37.6551, 0.2373, 0.2775



37.6551, 0.3914, 0.3417



37.6551, 0.2606, 0.3482

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



37.6551, 0.3914, 0.3417



37.6551, 0.3370, 0.4032



37.6551, 0.2399, 0.3079



37.6551, 0.2847, 0.2648

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



37.6551, 0.3914, 0.3417



37.6551, 0.3823, 0.3914



37.6551, 0.2399, 0.3079



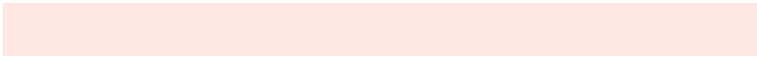
37.6551, 0.2459, 0.2659

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



37.6569, 0.3914, 0.3417



83.7907, 0.3320, 0.3328



37.1094, 0.3261, 0.2529



17.5391, 0.3347, 0.3333



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



37.6569, 0.3914, 0.3417



49.3207, 0.4157, 0.3444



51.4738, 0.3756, 0.3864



12.6862, 0.3288, 0.3322



9.2490, 0.6274, 0.3400



0.6472, 0.6002, 0.3617

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



53.4936, 0.2618, 0.3157



76.2153, 0.2526, 0.3125



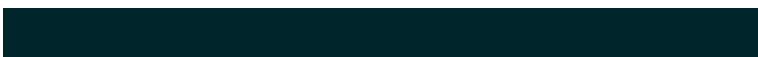
37.7867, 0.2548, 0.2638



13.8110, 0.2983, 0.3258



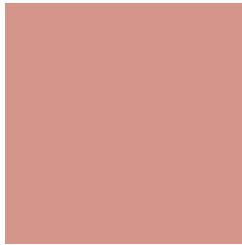
24.1057, 0.2129, 0.2863



1.5343, 0.2151, 0.2944

Previews

White Background



This preview shows how the Yxy color 37.6551, 0.3914, 0.3417 looks on a white background.

Color Contrast Check

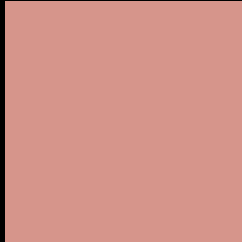
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 37.6551, 0.3914, 0.3417 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 37.6551, 0.3914, 0.3417

Background



This preview shows how black text looks on a background with the Yxy color 37.6551, 0.3914, 0.3417.



This preview shows how white text looks on a background with the Yxy color 37.6551, 0.3914, 0.3417.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

37.6551, 0.3914, 0.3417

Protanopia

37.9011, 0.3364, 0.3546

Deuteranopia

37.6788, 0.3657, 0.3589



Tritanopia

37.5910, 0.3753, 0.3157

Trichromacy



Original Color

37.6551, 0.3914, 0.3417

Protanomaly

37.5013, 0.3558, 0.3495

Deuteranomaly

37.4198, 0.3745, 0.3515

Tritanomaly

37.5165, 0.3814, 0.3255

Monochromacy



Original Color

37.6551, 0.3914, 0.3417

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

37.7663, 0.3390, 0.3332

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.6551, 0.3914, 0.3417 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(214, 149, 139)` looks like.

```
.text, #text, p{  
    color:rgb(214, 149, 139)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(214, 149, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 149, 139) }
```

Border

The CSS property to change the border of an element to Yxy 37.6551, 0.3914, 0.3417 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(214, 149, 139) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(214, 149, 139) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(214, 149, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 149, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 149, 139);  
box-shadow:4px 4px 4px 4px rgb(214, 149,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 37.6551, 0.3914, 0.3417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 149, 139) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(214,  
149, 139) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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